

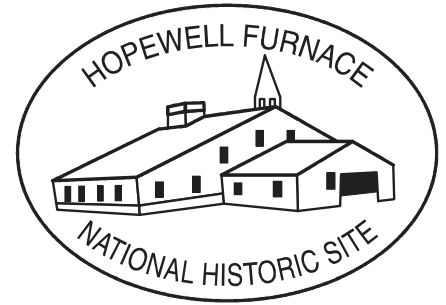
Name: _____

Hopewell Furnace Crossword Puzzle

Use the clues below to complete the crossword puzzle on the next page.

Across

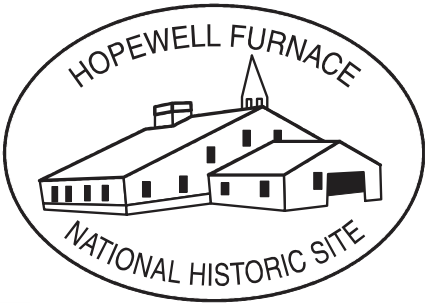
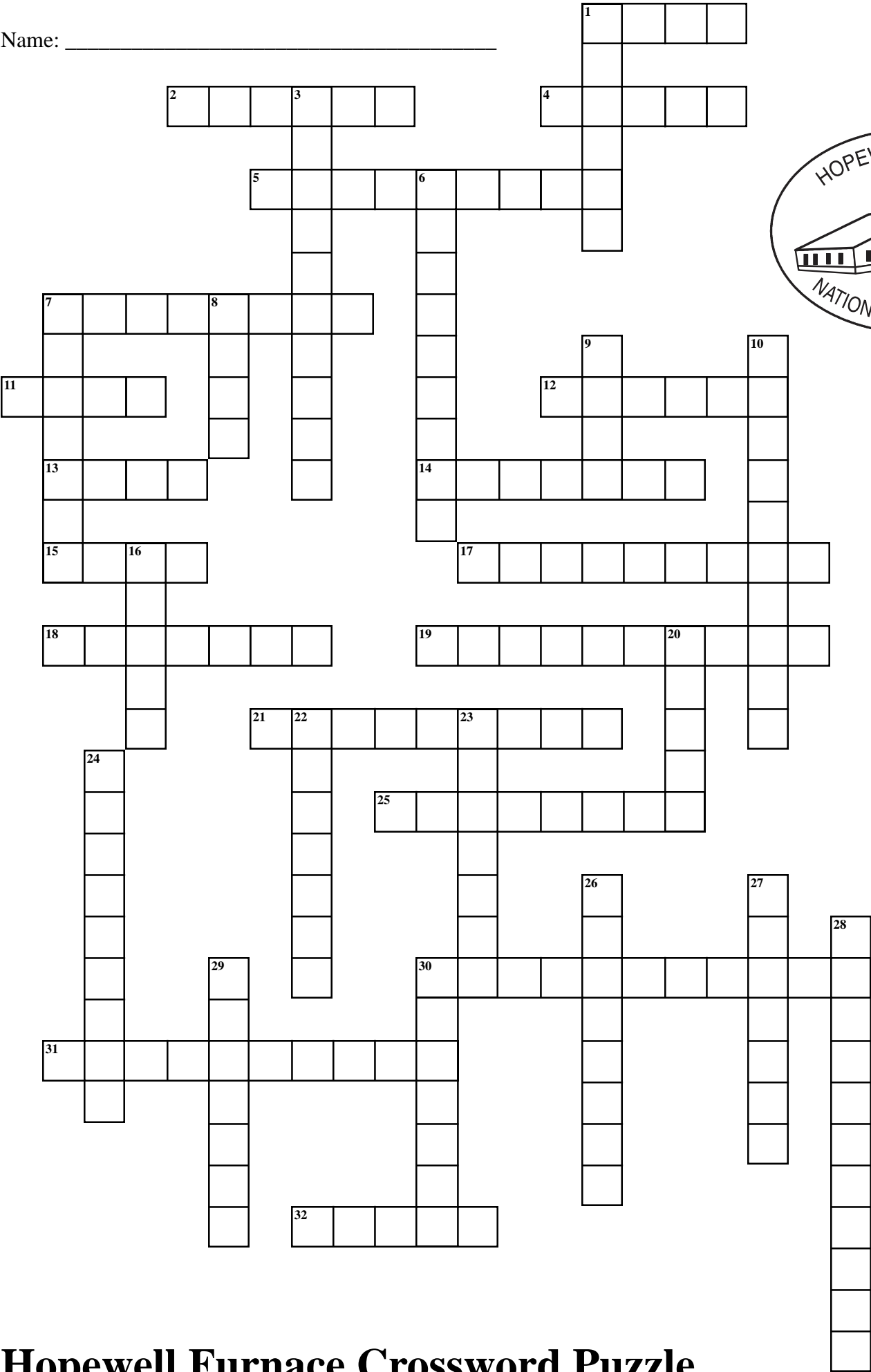
1. The cleaning agent, which at Hopewell was limestone
2. The assistant who directs the furnace work when the founder is not present
4. The wooden frame used to hold sand in place when making cast products
5. The building where men work casting iron products (2 words)
7. The main fuel used at Hopewell
11. The waste product of the iron-making industry
12. The person who grows crops and tends animals
13. Comes from iron ore and is used to make pots, pans, and tools
14. The manager of the furnace operation whose job it is to make high-quality iron
15. The ditch that carries water to the water wheel
17. The person who removes stones from a quarry
18. The person who files off the rough edges of the cast iron products
19. The person who works, repairs, and shapes iron using an anvil and a hammer
21. A rock used as a flux at Hopewell
25. The person who drives a team of horses for hauling
30. The walkway between the top of the furnace and the charcoal shed (2 words)
31. A wheel turned by running or falling water in order to produce air
32. The period of time when a furnace is making iron



Down

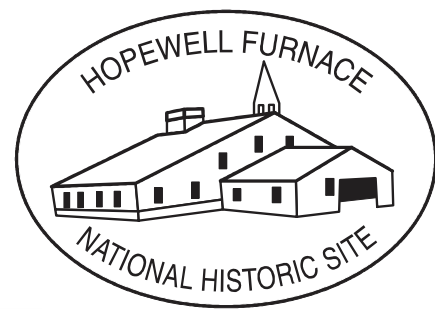
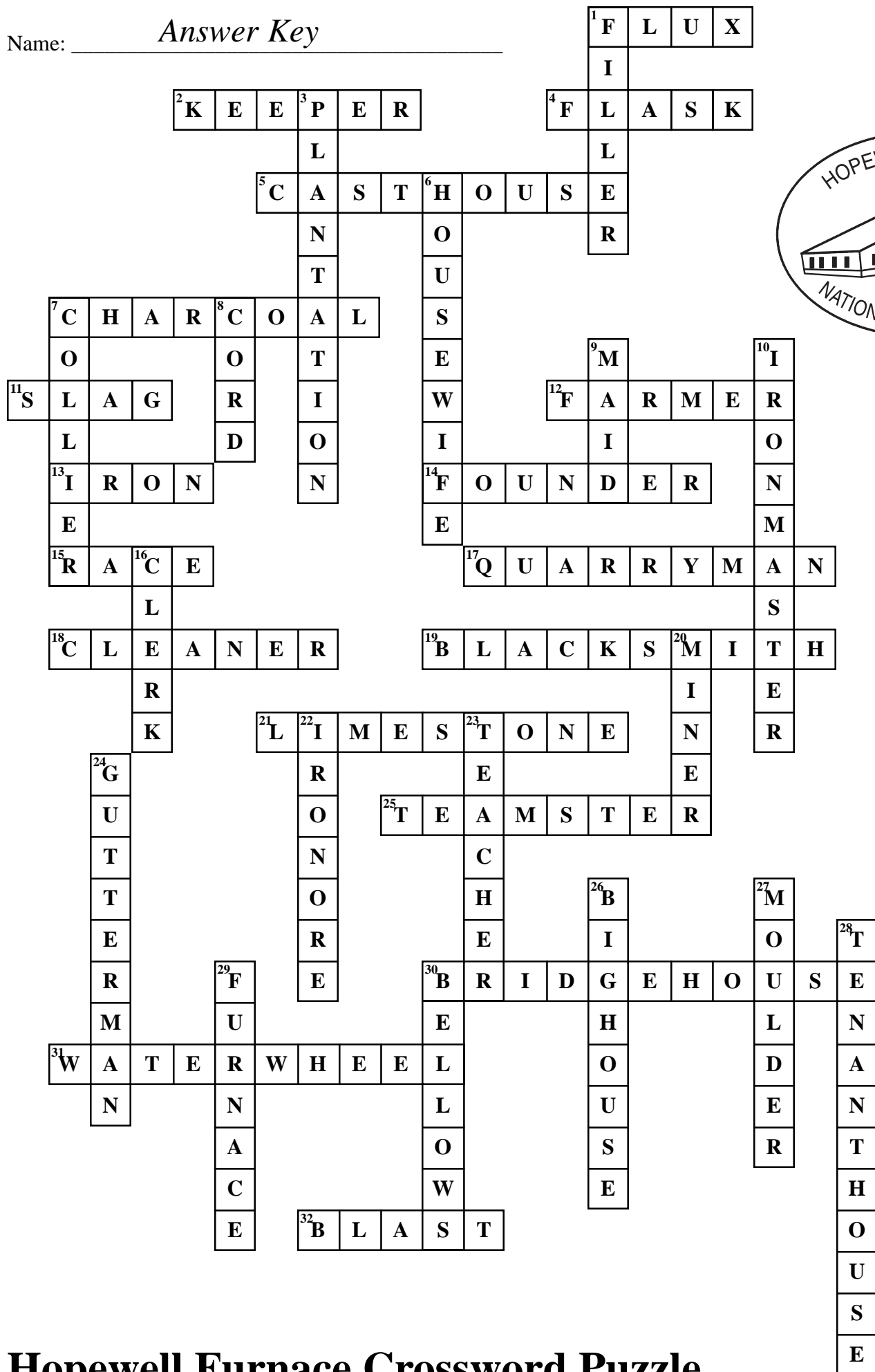
1. The person who dumps charcoal, iron ore, and limestone into the furnace stack
3. A community where the owner and employees both work and live
6. A woman who manages a home and takes care of domestic affairs
7. The person who makes charcoal from wood
8. A unit of measure for cut wood
9. The servant employed to perform domestic duties
10. The owner of the furnace
16. The person who manages the company store and is the paymaster
20. A worker who removes ore from the earth
22. A rock which contains the metal iron (2 words)
23. The person who gives lessons to a student
24. The workman who prepares the gutters or channels in the sand floor of the cast house to make pig iron bars
26. Residence of the ironmaster (2 words)
27. The person who makes the molds used to cast products
28. The rented building where an employee lives (2 words)
29. A stone structure where iron is produced at a high temperature
30. A device for producing a stream of air under pressure

Name: _____



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Name: _____ *Answer Key*



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